

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (Canceled)

14. (Previously Presented) An optical disk comprising:

a visible light characteristic changing layer, the visible light characteristic changing layer having a visible light characteristic thereof changed by exposure to a laser beam that enters from a label surface side, the visible light characteristic changing layer being formed in a location capable of being viewed from the label surface side, wherein the optical disk is constituted by at least a recording layer, a first reflection layer, the visible light characteristic changing layer and a protective layer which are sequentially formed on a substrate, and

wherein a part containing the visible light characteristic changing layer and a part which does not include the visible light characteristic changing layer and is joined directly to the first reflection layer and to the protective layer are formed so as to be finely mixed between the first reflection layer and the protective layer.

15. (Original) The optical disk according to claim 14, wherein the visible light characteristic changing layer is a color-changing layer which undergoes fading, coloring, or changes in color or hue by exposure to the laser beam.

16. (Original) The optical disk according to claim 15, wherein the color-changing layer is one of a photosensitive or heat sensitive layer, and two layers fused or mixed together by exposure to the laser beam so as to change visible-light characteristic.

Claims 17-19 (Canceled)

20. (Previously Presented) The optical disk according to claim 14, wherein the visible light characteristic changing layer is formed between the first reflection layer and the protective layer in the form of a plurality of dots or a plurality of voids, and

the first reflection layer is joined directly to the protective layer outside of the plurality of dots or inside the plurality of voids.

21. (Previously Presented) An optical disk comprising:
a visible light characteristic changing layer having a visible characteristic thereof changed by exposure to a laser beam that enters from a label surface

side, the visible light characteristic changing layer being formed in a location capable of being viewed from the label surface side, wherein a light scattering layer, which is translucence and has a light scattering characteristic, is interposed between a first reflection layer of the optical disk and the visible light characteristic changing layer.

22. (Original) The optical disk according to claim 21, wherein the light scattering layer serves as an intermediate layer.

Claims 23-25 (Canceled).

26. (Previously Presented) An optical disk comprising:

- a first substrate;
- a recording layer provided on the substrate;
- a first reflection layer provided on the recording layer;
- a visible light characteristic changing layer provided on the reflection layer, a visible light characteristic thereof being changed by exposure to a laser beam;
- a protective layer;

further comprising a light scattering layer provided between the first reflection layer and the visible light characteristic changing layer.

27. (Previously Presented) The optical disk according to claim 26,
further comprising:

a buffer layer provided on the first reflection layer; and

a second reflection layer provided between the buffer layer and the visible
light characteristic changing layer.

28. (Previously Presented) The optical disk according to claim 26,
further comprising:

a second substrate provided on the first reflection layer; and

a second reflection layer provided on the second substrate.

29. (Canceled)

30. (Currently Amended) An optical storage media, comprising:

a substantially flat optical disk, the disk including:

at least one reflective layer; ~~and~~

a visible light characteristic changing layer provided over
substantially all of the at least one reflective layer; and

a recording layer provided on the at least one reflective layer,

wherein at least one side surface of the visible light characteristic
changing layer has a rough texture.

31. (Previously Presented) The optical storage media according to claim 30, wherein the at least one rough textured side surface faces the one reflective layer.

32. (Previously Presented) The optical storage media according to claim 30, wherein the at least one rough textured side surface faces away from the one reflective layer.

33. (Previously Presented) The optical storage media according to claim 30, wherein both side surfaces of the visible light characteristic changing layer have a rough texture.

34. (Previously Presented) The optical storage media according to claim 33, wherein the rough texture on both side surfaces of the visible light characteristic changing layer is provided by forming the visible light characteristic changing layer as a plurality of dots.

35. (Previously Presented) The optical storage media according to claim 33, wherein the rough texture of both side surfaces is provided by forming the visible light characteristic changing layer as a layer having a plurality of voids.

36. (Previously Presented) The optical storage media according to claim 34, further comprising:

a protective layer arranged over the visible light characteristic changing layer, wherein the protective layer and the one reflection layer join each other outside of the plurality of dots.

37. (Previously Presented) The optical storage media according to claim 35, further comprising:

a protective layer arranged over the visible light characteristic changing layer, wherein the protective layer and the one reflection layer join each other at the plurality of voids.

38. (Previously Presented) An optical storage media, comprising:

a reflection layer;

a visible light characteristic changing layer arranged over the reflection layer, wherein a visible light characteristic thereof is changed by exposure to a laser beam; and

a translucence layer formed adjacent to the visible light characteristic changing layer.

39. (Previously Presented) The optical storage media according to claim 38, wherein the translucence layer is an intermediate layer formed between the visible light characteristic changing layer and the reflective layer.

40. (Previously Presented) The optical storage media according to claim 38, further comprising:

a protective layer arranged over the visible light characteristic changing layer.

41. (Previously Presented) The optical storage media according to claim 38, wherein the visible light characteristic changing layer is a color changing layer, photosensitive layer or a heat sensitive layer.

42. (Previously Presented) The optical storage media according to claim 41, wherein the color changing layer is formed from two layers which are fused or mixed together when exposed to the laser beam.

43. (Previously Presented) The optical storage media according to claim 38, further comprising:

a second reflection layer provided adjacent to the reflection layer.

44. (Previously Presented) The optical storage media according to claim 43, further comprising:

a layer provided between the second reflection layer and the reflection layer.

45. (Previously Presented) The optical storage media according to claim 44, wherein the layer provided between the second reflection layer and the reflection layer is a buffer layer.

46. (Previously Presented) The optical storage media according to claim 44, wherein the layer provided between the second reflection layer and the reflection layer is a substrate.

47. (Previously Presented) An optical storage media, comprising:
a reflection layer;
a visible light characteristic changing layer arranged over the reflection layer, wherein a visible light characteristic thereof is changed by exposure to a laser beam; and

a light scattering layer formed adjacent to the visible light characteristic changing layer.

48. (Previously Presented) The optical storage media according to claim 47, wherein the light scattering layer is an intermediate layer formed between the visible light characteristic changing layer and the reflective layer.

49. (Currently Amended) The optical storage media according to claim 47 43, further comprising:

a protective layer arranged over the visible light characteristic changing layer.

50. (Previously Presented) The optical storage media according to claim 47, wherein the visible light characteristic changing layer is a color changing layer, photosensitive layer or a heat sensitive layer.

51. (Previously Presented) The optical storage media according to claim 50, wherein the color changing layer is formed from two layers which are fused or mixed together when exposed to the laser beam.

52. (Previously Presented) The optical storage media according to claim 47, further comprising:

a second reflection layer provided adjacent to the reflection layer.

53. (Previously Presented) The optical storage media according to claim 52, further comprising:

a layer provided between the second reflection layer and the reflection layer.

54. (Previously Presented) The optical storage media according to claim 53, wherein the layer provided between the second reflection layer and the reflection layer is a buffer layer.

55. (Previously Presented) The optical storage media according to claim 53, wherein the layer provided between the second reflection layer and the reflection layer is a substrate.

56. (New) The optical storage media of claim 30, wherein the visible light characteristic changing layer is adjacent to the at least one reflective layer.